

CIC #: 99EPA EPA SUPERFUND PROGRAM

Billed Date: 02-Jan-2014

Customer Order Number: DW96942125

PASSAIC CPG OVERSIGHT 147757 BZ761

EPA 598

**VOUCHER FOR TRANSFERS  
BETWEEN APPROPRIATIONS AND/OR FUNDS (AR 37-1)**

Mission Assignment No:

\*\*\*\*\*  
Accounts Of  
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D.O. Voucher No.

BU. Voucher No.

Bill No.

Paid By Check No.

Collection Vou. No.

27065887

Partial # 79 02-Dec-2013 Thru 02-Jan-2014

**Billed Office (Mail To):**

U.S. ENVIRONMENTAL PROTECTION AGENCY  
ACCOUNTING OPERATIONS OFFICE  
26 W. MARTIN LUTHER KING DRIVE  
CINCINNATI OH 45268-7002

**Billing Office (Send Remittance To):**

USACE FINANCE CENTER G5  
KANSAS CITY DISTRICT G5  
5720 INTEGRITY DRIVE  
MILLINGTON TN 38054-5005

**Billed Accounting Classification**

068 068 X 8145.0000 2007 00 0000 000000000000 00000

**Billing Accounting Classification**

\$139,463.18 096 NA X 3122.0000 G5 08 2416 868 022125 96231

\$139,463.18

Line Item	Moa	Description	Eaid No	Amount
1	CONTRACT - OUTSIDE GOVERNMENT	PVT SCTR CONTRACTUAL ARCHITECTURAL & ENGINEERING SERVICES (AE CONTRACTOR EARNINGS)		\$132,882.00
1	INHOUSE - LABOR	DEPARTMENTAL OVERHEAD COSTS		\$1,949.98
1	INHOUSE - LABOR	GENERAL AND ADMINISTRATIVE OVERHEAD COSTS		\$568.74
1	INHOUSE - LABOR	LABOR		\$4,062.46
<b>Subtotal:</b>				<b>\$139,463.18</b>

<b>Total Billed Amount:</b>	<b>\$139,463.18</b>
<b>Less Partial Amount Paid:</b>	<b>\$0.00</b>
<b>Payment Due Date: 01-Feb-2014</b>	<b>Pay This Amount: \$139,463.18</b>

**CORPS CERTIFICATION**

"I CERTIFY THAT THE ABOVE ARTICLES WERE DELIVERED AND OR THE SERVICES PERFORMED AS STATED AND THAT THE PAYMENT REQUESTED IS CORRECT TO THE BEST OF MY KNOWLEDGE, AND SHOULD BE PAID AND CHARGED TO THE APPROPRIATION(S) OR FUNDS AS INDICATED."

14 Mar 14 Elizabeth A. Franklin  
DATE SIGNATURE  
Elizabeth A. Franklin  
Project Manager

<b>Funds Authorized:</b>	\$10,000,000.00	<b>CERTIFICATE OF OFFICE BILLED</b>
<b>Total Billed Amount:</b>	\$7,784,237.64	I certify that the above articles were received and accepted or the services performed as stated and should be charged to the appropriation(s) and/or fund(s) as indicated above, or that the advance payment requested is approved and should be paid as indicated.
<b>Prev Billed Amount:</b>	\$7,644,774.46	
<b>Current Billed Amount:</b>	\$139,463.18	
<b>Total Flux Billed:</b>	\$0.00	
<b>Prev Flux Billed:</b>	\$0.00	<b>Date:</b>
<b>Current Flux Billed:</b>	\$0.00	Authorized Administrative or Certifying Officer

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PROGRESS REPORT

KANSAS CITY DISTRICT  
DIAMOND ALKALIT, (LOWER PASSAIC RIVER), NJ  
TA Number: DW96942125

MONTHLY REPORT FOR DECEMBER 2013

	Revised Reimbursable (096X3122)	Direct Fund Cite	TA Totals (096X3122)
STATEMENT OF CHARGES FOR PERIOD:			
Total Funds Authorized:	\$10,000,000.00	\$0.00	\$10,000,000.00
Less Total Expenditures: (-)	\$7,784,237.64	\$0.00	\$7,784,237.64
Less Undelivered Orders: (-)	\$1,832,917.23	\$0.00	\$1,832,917.23
Less Commitments: (-)	\$5,209.20	\$0.00	\$5,209.20
Funds Available Balance:	\$377,635.93	\$0.00	\$377,635.93

BILLING ACTIVITY (096X3122):	
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Bill Number: 27065887	
Funds Expended During Report Period:	\$139,463.18
Total Billed to Date:	\$7,784,237.64
DIRECT FUND CITE PAYMENTS:	
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Funds Expended During Report Period:	\$0.00
Total Expended to Date:	\$0.00

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KANSAS CITY DISTRICT  
DIAMOND ALKALI, (LOWER PASSAIC RIVER), NJ  
IA Number: DW96942125

PROGRESS REPORT

Bill Number: 27065887  
Bill Invoice Date: 02-JAN-2014

Monthly Billing Amount(096X3122): \$139,463.18

Monthly Direct Fund Cite Contract Cost(068X9145): \$0.00

Budget Categories	Costs for Current Month	Prior Month's Summary	Project Costs to Date
a Personnel	\$2,605.75	\$142,429.30	\$145,035.05
b Fringe Benefits	\$1,456.71	\$75,318.16	\$76,774.87
c Travel	\$0.00	\$12,465.09	\$12,465.09
d Equipment	\$0.00	\$0.00	\$0.00
e Supplies	\$0.00	\$0.00	\$0.00
f Procurement	\$132,882.00	\$7,098,295.38	\$7,231,177.38
g Construction	\$0.00	\$0.00	\$0.00
h Other	\$0.00	\$179,439.13	\$179,439.13
i Total Direct Charges	\$136,944.46	\$7,507,947.06	\$7,644,891.52
j Total Indirect Charges	\$2,518.72	\$136,827.40	\$139,346.12
k TOTAL	\$139,463.18	\$7,644,774.46	\$7,784,237.64

LABOR BREAKOUT FOR MONTH:

Individual	Location	Function	Hours	Labor Amount
JAMES M. ARMSTRONG	KANSAS CITY DISTRICT	PROGRAM ANALYST	2.00	\$161.58
ELIZABETH FRANKLIN	KANSAS CITY DISTRICT	HTRM PROJECT MANAGER	47.00	\$6,036.46
WILLIAM J HILL	KANSAS CITY DISTRICT	CONTRACT SPECIALIST	1.50	\$132.45

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PROGRESS REPORT

KANSAS CITY DISTRICT  
DIAMOND ALKALI, (LOWER PASSAIC RIVER), NJ

LABOR BREAKOUT FOR MONTH:

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Individual -----	Location -----	Function -----	Hours -----	Labor Amount -----
JILL K. FRALEY	KANSAS CITY DISTRICT	SUPERVISORY GEOLOGIST	1.00	\$128.72
LYNN M. THOMAS	KANSAS CITY DISTRICT	CONTRACT SPECIALIST	1.00	\$121.97
			-----	-----
TOTAL LABOR:			52.50	\$6,581.18

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## Progress Report for EPA Region II

<b>Site:</b>	<b>Diamond Alkali, Lower Passaic River (Extended Study): RI/FS Oversight, New Jersey</b>			<b>Phase:</b>	<b>RI/FS, OU4</b>
<b>Bill No.:</b>	<b>Partial #79 27065887</b>	<b>IAG No.:</b> <b>NWK</b>	<b>IAG: DW96942125/BZ761 IAG Award Date: 8/31/07</b>	<b>IAG Expiration Date:</b> <b>3/31/18</b>	<b>Other Corps P2 #147757/FWI 96B4B2</b>
<b>Reporting Period:</b>	<b>From: December 2, 2013</b>	<b>To: January 2, 2014</b>	<b>EPA RPM Stephanie Vaughn</b>		<b>USACE PM Elizabeth Franklin</b>
<b>Work Performed</b>					
<b>Work Performed</b>	<ul style="list-style-type: none"> <li>• On 3 and 19 Dec 2013, participated in project progress conference calls with EPA/COE/CDM/LB/HQI/BAT.</li> <li>• Funding. No funding received during the reporting period.</li> <li>• Invoices. TO 0005. <ul style="list-style-type: none"> <li>• On 3 Dec 13, reviewed and approved CDM Invoice #19, totaling \$132,882, for period 29 Sep – 26 Oct 13. During review, submitted several questions to F. Tsang and responses were received from CDM accounting department.</li> </ul> </li> <li>• On 4 Dec 13, reviewed and provided written comments on CDM revised lessons learned table.</li> <li>• Conflict of Interest. CDM requested determination on two potential projects. Coordinated with S. Vaughn and EPA attorneys regarding the requested determination. On 2 Dec 13, CDM was informed one project could be pursued and the other should one could not be pursued.</li> <li>• Schedule. <ul style="list-style-type: none"> <li>• On 4 Dec 13, EPA sent letter to CPG with requirement to submit schedule.</li> <li>• On 19 Dec 13, received an updated schedule of activities from the CPG. Reviewed and noted some missing elements of the schedule to S. Vaughn.</li> </ul> </li> <li>• Task Order 0005/WVN&amp;ATP. <ul style="list-style-type: none"> <li>○ On 9 Dec 13, received draft chronology from F. Tsang.</li> <li>○ On 11 Dec 13, provided comments to F. Tsang after review and discussion of the recommendation.</li> <li>○ On 12 Dec 13, received revised chronology.</li> <li>○ On 12 Dec 13, conference call held with S. Vaughn and CDM to discuss scoping and chronology.</li> <li>○ On 18 Dec 13, provided contract mod award schedule to contracting office and provided labor funding for their support.</li> <li>○ On 18 Dec 13, provided SOW to contract office after updating to incorporate new tasks.</li> <li>○ On 19 Dec 13, Request for Proposal letter and SOW was sent to CDM by contracts office.</li> <li>○ Preparation of IGE is underway.</li> </ul> </li> <li>• Task Order 0005/Subcontract. <ul style="list-style-type: none"> <li>○ Discussions underway to get J. Clough under subcontract to perform modeling reviews.</li> </ul> </li> <li>• River Mile 10.9. <ul style="list-style-type: none"> <li>○ On 4, 11 and 18 Dec 13, participated in weekly managers conference calls to discuss dredging and capping status.</li> <li>○ On 30 Dec 13, participate in two conference calls to discuss capping plans.</li> </ul> </li> <li>• Billing &amp; Cost Recovery. Received confirmation from LBG that no charges were incurred during the period of interest for this particular billing. Action closed.</li> <li>• Preparation of Progress Report and Project Expenditure spreadsheet.</li> </ul>				
<b>Key Meetings This Period</b>	<ul style="list-style-type: none"> <li>• Regular project progress calls.</li> <li>• Other project calls and meetings as noted throughout this progress report.</li> </ul>				

## Progress Report for EPA Region II

### Key Contract Milestones Completed to Date

- **MPI Task Order 0020: Contract W912DQ-06-D-0006, Expiration Date – 19 Sep 2012**
  - 21 Sep 07 – Base Task Order, CPG RI/FS Oversight awarded for \$349,601.
  - 19 Jun 08 – Modification 01, CPG RI/FS Oversight was awarded for \$274,903.
- **MPI Task Order 0010: Contract W912DQ-08-D-0017, Expiration Date – 15 Jan 2014**
  - 16 Jan 09 – Base Task Order, CPG RI/FS Oversight was awarded for \$65,000.
  - 5 Mar 09 – Modification 0001 was awarded for \$69,772.
  - 24 Jun 09/1 Jul 09 - Modification 0002 was awarded for \$49,756 (verbal on 24 Jun/written on 1 Jul).
  - 3 Aug 09 – Modification 0003 was awarded for \$378,843.
  - 28 Aug 09: Contract Mod 4 was awarded, totaling \$279,277.
  - 1 Sep 09, Mod 5 (admin in nature) was signed.
  - 29 Dec 09, Mod 6 was awarded, totaling \$211,881.
  - 9 Jul 10, Mod 7 was awarded, totaling \$52,890.
  - 28 Dec 10, Mod 8 was awarded, totaling \$54,473.
- **CDM Task Order 0014: Contract W912DQ-08-D-0018, Expiration Date – 30 Jul 2014**
  - 3 Aug 09 – Base Task Order, CPG RI/FS Oversight was awarded for \$160,000 (verbal was given 31 Jul 09)
  - 22 Aug 09: Contract Mod 1/TO 0014 was issued, totaling \$175,902.
  - 25 Aug 09; Mod 2 (admin in nature) was signed.
  - 23 Dec 09; Mod 3 was awarded, totaling \$493,000.
  - 3 Mar 10; Mod 7 was awarded, totaling \$283,000. (Numbering out of order due to electronic system error.)
  - 14 May 10; Mod 8 was awarded, totaling \$140,000.
  - 9 Jun 10; Mod 9 was awarded, totaling \$375,000.
  - 21 Oct 10, Mod 10 was awarded, totaling \$362,923 (note \$63,000 of this funding is from IA 2023).
  - 27 Dec 10, Mod 11 was awarded, totaling \$74,426 (note funding split as follows: \$50,000 is Passaic FFS, IA 1975 and \$24,426 is Newark Bay, IA 2023).
  - 4 May 11, Mod 12 was awarded, totaling \$682,426 (note funding split as follows: \$645,000 is IA 2023 and \$37,426 is IA1975).
  - 19 Sep 11, Mod 13 was awarded, totaling \$150,000.
- **CDM Task Order 0005; Contract W912DQ-11-D-3004, Expiration Date – 15 Dec 2016**
  - 15 Dec 11 – Base Task Order, CPG RI-FS Oversight was awarded for \$770,000
  - 24 Jan 12 – Mod 1 (admin in nature) was signed.
  - 1 Jun 12 – Mod 2 was awarded, totaling \$1,059,312.
  - 7 Jan 13 – Mod 3 was awarded, totaling \$1,500,000.
  - 11 Jul 13 – Mod 4 was awarded, totaling \$1,250,000.

## Progress Report for EPA Region II

<p><b>Contractor Actions/ Accomplishments</b></p>	<p><b>CDM</b></p> <ul style="list-style-type: none"> <li>• Management. CDM participated in progress calls as noted throughout this report, prepared the CDM progress report, invoice and continued management tasks. Additional information may be found in the CDM Progress Report covering period November 24 – December 28, 2013. Information is also contained in daily email reports provided by CDM during specific fieldwork oversight efforts.</li> <li>• CPG Fieldwork Planning Documents &amp; Technical Support.             <ul style="list-style-type: none"> <li>◦ Continued work on Hazard Quotient tables and figures based on conference call discussion held 13 Nov 13.</li> </ul> </li> <li>• CDM Fieldwork Oversight.             <ul style="list-style-type: none"> <li>◦ Continued split sample evaluation of CWCM routine and high flow data sets and continued preparing and reviewing report tables.</li> <li>◦ Continued review of CPG high volume sample results and data validation reports.</li> <li>◦ Continued validation and evaluation of background split tissue sample data.</li> <li>◦ Continued preparation of the field sampling summary report for SSP2 sampling event and validation of split sample data.</li> </ul> </li> <li>• CDM Fieldwork Oversight Reporting.             <ul style="list-style-type: none"> <li>◦ Review of CPG Draft 2012 Sediment Chemistry Background Data Report underway.</li> <li>◦ On 2 Dec 13, submitted comments of CPG Draft 2012 Sediment Toxicity Reference Data Report (dated 22 Oct 13).</li> <li>◦ On 27 Dec 13, submitted review of CPG Periodic Bathymetry Survey, Gall 2011 Post Hurricane Irene Survey Report (dated March 2013)</li> <li>◦ On 27 Dec 13, submitted review of 2012 Periodic Bathymetry and Single Beam Survey Report, dated March 2013.</li> <li>◦ Began review of CPG Preliminary Draft CSM (submitted 20 Dec 13).</li> </ul> </li> <li>• CDM Data Manager/Website/Digital Library.             <ul style="list-style-type: none"> <li>◦ Initiated review of historical data set study identification against current database.</li> <li>◦ Provided data management support to extract data sets for EPA.</li> </ul> </li> <li>• CSO/SWO Sampling Oversight             <ul style="list-style-type: none"> <li>◦ On 6, 7 and 6 Dec 13, oversaw sample collection from Clay Street Phase 1 2<sup>nd</sup> sampling event.</li> </ul> </li> <li>• CPG Risk Assessment</li> <li>• Modeling.             <ul style="list-style-type: none"> <li>◦ Coordination calls with Moffat and Nichol.</li> <li>◦ Compiling USGS Little Falls solids data used for Dundee Dam solids rating curve; open.</li> </ul> </li> <li>• River Mile 10.9 Removal Action Oversight.             <ul style="list-style-type: none"> <li>◦ Reviewed multiple technical memoranda regarding the active cap layer including Armor Rock Evaluation Testing, Cap Thickness Field Testing, AquaGate Thickness Criteria, Cap/Sand Layer Composition and Evaluation of Capping Carbon Control Sample Results. Details of these reviews in the CDM Progress Report.</li> <li>◦ Performed oversight of capping efforts and removal of geotextile that was not successfully installed.</li> <li>◦ On 4, 11 and 18 Dec 13, participated in oversight management calls.</li> <li>◦ Continued validation of the water quality monitoring split samples and post excavation sediment samples.</li> </ul> </li> <li>• Data Evaluation.             <ul style="list-style-type: none"> <li>◦ Continued work on 3D model.</li> <li>◦ Continued to formulate data presentation plans and evaluate approaches to visualize and demonstrate site conditions.</li> </ul> </li> </ul>
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### Work, Meetings, Milestones FY2012/2013.

<p><i>Narrative</i></p>	<ul style="list-style-type: none"> <li>• 17 Mile CPG Schedule. On 19 Dec 13, the CPG submitted current version of schedule. Details for historical dates may be found in this schedule with some future dates projected through end of 2014. Historical dates have been removed from the progress report.</li> <li>• RM 10.9 Schedule. Ongoing schedule updates provided by the CPG with regard to the RM 10.9 work. Delays have occurred due to technical difficulties and weather impacts.</li> </ul>
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## Progress Report for EPA Region II

Projected Work, Meetings Milestones FY2013. Current Status of Work Products (cont.)	
<i>Meetings</i>	• Continuation of bi-weekly progress calls and additional coordination meetings/conference calls with CPG.
<i>Key Milestones Forthcoming</i>	• As noted in the CPG 17 mile schedule.
<b>Issues</b>	
<i>Technical:</i>	• Issues are worked in an ongoing basis as discussions held between the EPA and CPG.
<i>Schedule</i>	• EPA discusses schedule items with the CPG as needed.
<i>Funding:</i>	• None at this time.

IAG Summary: Technical Assistance Amendment Funding						
USACE	Direct Fund Cite	Amend #	Date	USACE	Direct Fund Cite	Total IAG
410,000	0	Initial	9/6/07	-	-	\$ 410,000
290,000	0	1	6/3/08	-	-	\$700,000
75,000	0	2	12/31/08	-	-	\$775,000
85,000	0	3	2/19/09	-	-	\$860,000
50,000	0	4	6/23/09	-	-	\$910,000
576,665	0	5	7/27/09	-	-	\$1,486,665
500,000	0	6	8/7/09	-	-	\$1,986,665
789,000	0	7	12/1/09	-	-	\$2,775,665
300,000	0	8	2/24/10	-	-	\$3,075,665
140,000	0	9	4/27/10	-	-	\$3,225,665
510,000	0	0	5/24/10	-	-	\$3,735,665
400,000	0	0	9/14/10	-	-	\$4,135,665
745,000	0	0	4/8/11	-	-	\$4,880,665
150,000	0	0	8/31/11	-	-	\$5,030,665
850,000	0	0	11/12/11	-	-	\$5,880,665
1,124,335	0	0	5/14/12	-	-	\$7,005,000
1,650,000	0	0	12/6/12	-	-	\$8,655,000
1,345,000	0	0	5/31/12	-	-	\$10,000,000



## Progress Report for EPA Region II

Summary of Funds Spent Per Activity & Funding Remaining				
Description	Funds for Activity	Funds Disbursed this Month	Funds Disbursed to Date	Funds Remaining
MPI: Contract W912DQ-06-D-0006; Task Order 0020; awarded 21 Sep 07	\$349,601.00	\$0.00	\$349,601.00	\$0.00
MPI: Contract W912DQ-06-D-0006; Task Order 0020/Mod 1; awarded 19 Jun 08	\$274,903.00	\$0.00	\$267,213.93	\$7,689.07
MPI: Contract W912DQ-08-D-0017; Task Order 0010; awarded 16 Jan 09	\$65,000.00	\$0.00	\$65,000.00	\$0.00
MPI: Contract W912DQ-08-D-0017; Task Order 0010/Mod 1; awarded 5 Mar 09	\$69,772.00	\$0.00	\$69,772.00	\$0.00
MPI: Contract W912DQ-08-D-0017; Task Order 0010/Mod 2; awarded 24 Jun 09	\$49,756.00	\$0.00	\$49,756.00	\$0.00
MPI: Contract W912DQ-08-D-0017; Task Order 0010/Mod 3; awarded 3 Aug 09	\$378,843.00	\$0.00	\$378,843.00	\$0.00
MPI: Contract W912DQ-08-D-0017; Task Order 0010/Mod 4; awarded 28 Aug 09	\$279,277.00	\$0.00	\$279,277.00	\$0.00
MPI/LBG: Contract W912DQ-08-D-0017; Task Order 0010/Mod 6; awarded 29 Dec 09 <sup>Note 1</sup>	\$211,881.00	\$0.00	\$211,881.00	\$0.00
MPI/LBG: Contract W912DQ-08-D-0017; Task Order 0010/Mod 7; awarded 9 Jul 10	\$52,892.00	\$0.00	\$52,892.00	\$0.00
MPI/LBG: Contract W912DQ-08-D-0017; Task Order 0010/Mod 8; awarded 28 Dec 10	\$54,473.00	\$0.00	\$19,780.45	\$34,692.55
<b>CDM: Contract W912DQ-08-D-0018; Task Order 0014/Base Contract; awarded 6 Aug 09 (verbal 31 Jul 09)</b>	<b>\$160,000.00</b>	<b>\$0.00</b>	<b>\$160,000.00</b>	<b>\$0.00</b>
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 1; awarded 22 Aug 09	\$175,902.00	\$0.00	\$175,902.00	\$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 3; awarded 23 Dec 09 <sup>Note 2</sup>	\$493,000.00	\$0.00	\$493,000.00	\$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 7; 3 Mar 10 <sup>Note 3</sup>	\$283,000.00	\$0.00	\$283,000.00	\$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 8; awarded 14 May 10	\$140,000.00	\$0.00	\$140,000.00	\$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 9; awarded 9 Jun 10	\$375,000.00	\$0.00	\$375,000.00	\$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 10; awarded 21 Oct 10 <sup>Note 4</sup>	\$299,923.00	\$0.00	\$299,923.00	\$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 11; awarded 27 Dec 10 <sup>Note 5</sup>	See note 5	\$0.00	\$0.00	\$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 12; awarded 4 May 11 <sup>Note 6</sup>	\$645,000.00	\$0.00	\$645,000.00	\$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 13; awarded 19 Sep 11	\$150,000.00	\$0.00	\$137,307.00	\$12,693.00
<b>CDM: Contract W912DQ-11-D-3004; Task Order 0005/ Base TO; awarded 15 Dec 11</b>	<b>\$770,000.00</b>	<b>\$0.00</b>	<b>\$770,000.00</b>	<b>\$0.00</b>
CDM: Contract W912DQ-11-D-3004; Task Order 0005/ Mod 2; awarded 1 Jun 12	\$1,059,312.00	\$0.00	\$1,059,312.00	\$0.00
CDM: Contract W912DQ-11-D-3004; Task Order 0005/ Mod 3; 7 Jan 13	\$1,500,000.00	\$132,882.00	\$948,717.00	\$551,283.00
CDM: Contract W912DQ-11-D-3004; Task Order 0005/ Mod 4; awarded 11 Jul 13	\$1,200,000.00	\$0.00	\$0.00	\$1,200,000.00
<b>LBG: Contract W912DQ-11-D-3009; Task Order 0001/ Mod 7; awarded 15 Dec 11</b>	<b>\$11,522.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$11,522.00</b>
Contract Funds Available	\$508.00	\$0.00	\$0.00	\$508.00
Subtotal - Summary of Contracts; awarded and avail. (total reflects blocks e + f on Page 2 IAG)	\$9,049,565.00	\$132,882.00	\$7,231,177.38	\$1,818,387.62

## Progress Report for EPA Region II

Description	Funds for Activity	Funds Disbursed this Month	Funds Disbursed to Date	Funds Remaining
Kansas City Corps In-House Labor/Travel - 17 Mile	\$755,973.23	\$4,409.39	\$353,187.44	\$382,337.13
Kansas City Corps In-House Labor/Travel - RM 10.9		\$2,171.79	\$20,448.66	
Superfund M&S Fee - 17 Mile	\$99,674.34	\$0.00	\$94,991.69	\$0.00
Superfund M&S Fee - RM 10.9		\$0.00	\$4,682.65	
MIPR/ERDC - Hayter/Gailani; CPG Modeling Support	\$58,287.43	\$0.00	\$58,287.43	\$0.00
MIPR/ERDC - Estes; Decon Technology Support	\$24,500.00	\$0.00	\$21,462.39	\$3,037.61
MIPR/ERDC - Hayter (replaces MIPR above/updated office symbols)	\$12,000.00	\$0.00	\$0.00	\$12,000.00
<b>Subtotal - Summary of Labor/M&amp;S Fee</b>	<b>\$950,435.00</b>	<b>\$6,581.18</b>	<b>\$553,060.26</b>	<b>\$397,374.74</b>
<b>Grand Total - Contract/Corps</b>	<b>\$10,000,000.00</b>	<b>\$139,463.18</b>	<b>\$7,784,237.64</b>	<b>\$2,215,762.36</b>

### Notes on above table:

Note 1: MPI/LBG TO 0010 Mod 5 is admin, zero dollar mod

Note 2: CDM TO 0014 Mod 2 is admin, zero dollar mod.

Note 3: CDM TO 0014 Mods 4, 5, & 6 were skipped in system numbering

Note 4: CDM TO 0014/Mod 10 totals \$362,923; \$63,000 is Newark Bay funding for IT transition.

Note 5: CDM TO 0014/Mod 11 totals \$74,426; \$50,000 is Passaic FFS funding and \$24,426 is Newark Bay funding for IT transition.

Note 6: CDM TO 0014/Mod 12 totals \$682,426; \$37,426 is Passaic FFS funding for IT/transition.

### IAG Scope of Work Summary (block 13 of IAG)

This amendment obligates \$XX (see amounts above for base and amendments) to the U.S. Army Corps of Engineers - Kansas City District to provide/continue oversight of the CPG's performance of Remedial Investigation and Feasibility Study at the Diamond Alkali OU4 Superfund Site (EPA ID: NJD980528996)

### Project Delivery Team

Name	Contact Information	Responsibility
Beth Franklin	(816) 389-3581 Cell: (816) 695-5797	Project Manager
Josh Hill	(816) 389-3803	Contract Specialist
Shelley Thomas	(816) 389-3842	Contracting Officer
Jason Shippy	(816) 389-3721	Attorney
Julia Kisser	(816) 389-3874	COR

Prepared by: Elizabeth Franklin  
Project Manager  
14 March 2013

## PROGRESS REPORT

Site Name: Lower Passaic River Restoration Project and & Superfund Site  
Project: Task Order 6424.005 CPG Oversight  
Prepared by: Frank Tsang  
Representing: CDM Federal Programs Corporation (CDM Smith)  
Date: November 15, 2013 (revised December 30, 2014)  
Reporting Period: September 29, 2013 to October 26, 2013

The following structures reflect the WBS from TO 6424.005.

1. **Progress Made this Reporting Period** – CDM Smith performed the following activities during this period:

### **WAD 1, Work Order (WO) 1 – Project Management and Administration**

#### 1.1.1 Project Management

- CDM Smith performed project management including staffing, financial monitoring, invoicing, and participated in conference calls.
- USACE approved ATP 8 and WVN 4 on October 31, 2013.

#### 1.1.2 Project Support Documentation & Administration

- CDM Smith prepared and submitted the monthly progress report.

#### 1.1.3 Subcontract Administration

- CDM Smith processed subcontractor invoices (HDR | HQI, and Shealy Environmental).

#### 1.1.4 Project Communication

- On October 8 and 22, 2013, CDM Smith participated in bi-weekly conference calls.

### **WAD 1, WO 2 – Community Relations/Public Website**

#### 1.2.1 Public Meeting Support

- No activity.

### **WAD 1, WO 3 – Senior Technical Advisors**

- The subcontracts for Bob Ambrose and Alan Blumberg have expired. CDM Smith will issue a new subcontract to each of them when scope and schedule are available. Roger Flood and Dominic Di Toro are on board as TAC members.
- No activity. No cost has been incurred under this WE to date, therefore no invoice sheet for this WE.

Item	TAC Member	TAC Member Subcontract Ceiling*	Authorized Funding	Payment this Period	Payment to Date	Remarks
1	Ambrose	\$0	\$0	\$0	\$0	POP expired 8/15/2013

Item	TAC Member	TAC Member Subcontract Ceiling*	Authorized Funding	Payment this Period	Payment to Date	Remarks
2	Blumberg	\$0	\$0	\$0	\$0	POP expired 8/1/2013
3	Flood	\$1,042	\$0	\$0	\$0	POP expires 11/30/2016
4	Di Toro	\$8,200	\$0	\$0	\$0	POP expires 11/30/2016
Total		\$9,242	\$0	\$0	\$0	

\*Subcontract Ceiling represents “available subcontract capacity” on each TAC member’s respective subcontract. A subcontract modification is required when the dollar value of requested work exceeds a TAC Member’s Subcontract Ceiling.

### **WAD 1, WO 4 – Technical Support**

- Prepared Hazard Quotient tables for Mullica River, Jamaica Bay and upper Passaic River based on the table of “Probable Effect Concentrations and Other Alternative Sediment Screening Values”.
- Prepared figures showing mean Hazard Quotient results by location of background samples currently included in the EQuIS database for the Mullica River and the Passaic River above Dundee Dam.

### **WAD 2, WO 2 - Work Planning: Oversight & Communication**

#### **2.2.1 Technical Communication**

- No activity.

#### **2.2.2 CPG Planning Documents Review**

- No activity.

### **WAD 2, WO 3 – Field Work Sampling Oversight**

#### **2.3.1 CDM Smith Work Plan Preparation (QAPP & HASP)**

- Six hours were inadvertently charged to this subtask. These hours will be reallocated under task 2.3.2 in the December 2014 reporting period.

#### **2.3.2 Water Column, Chemical Data Oversight**

- Completed validation of first round of high volume split sample data.
- Completed validation of second round of high volume split sample data.
- Continued split sample evaluation of CWCM routine data sets and continued preparing and reviewing report tables.
- Initiated review of CPG high volume sample results.

#### **2.3.3 RM 10.9 Oversight**

- Work element closed. See WAD 2 WO 7 for RM 10.9 oversight work.
- Charges are erroneously noted on the cost spreadsheet; these charges were moved to the correct task prior to invoice submission and the invoice is correct.

However, the cost spreadsheet was not corrected and charges there should reflect \$0 for this reporting period.

#### 2.3.4 LRC Supplemental Sampling Oversight

- Continued review of the statistical evaluation of split sample results and report preparation.

#### 2.3.6 Background Sampling Oversight

- Continued validation of Background split tissue sample data.

#### 2.3.7 LRC SSP2 Oversight

- Performed field oversight on September 30 to October 4, 7 to 11, 14 to 18, and 21 to 25, 2013 and collection of split samples of the SSP2 sampling event.
- Reviewed Field Modification FM131009 to add additional sample locations in the Third River for the SSP2 Sampling Event. CDM Smith submitted comments to EPA on October 15, 2013.
- Reviewed Field Modification FM-131018 to move station 13B-0523 due to the presence of a utility crossing. CDM Smith provided verbal agreement to EPA on October 21, 2013.

### **WAD 2, WO 4 – Report/Products: Oversight and Communications**

#### 2.4.1 CPG Report Review

- Performed review of the CPG Draft 2012 Benthic Invertebrate Community Reference Data Report and submitted comments to EPA on October 24.

### **WAD 2, WO 5 – Data Manager**

#### 2.5.1 Data Manager (Data/Information Transfer)

- Ongoing improvement of data normalization across historical data sets as needed
- Continued uploading and review of background split tissue sample data.
- Continued upload and review of CWCM high volume event #2 data received from CPG to Passaic River Database
- Provided data management support to extract data sets for EPA.

#### 2.5.2 Database and Website Management

- Ongoing webpage support/and Enterprise interface support.
- Continued to provide webpage management support updating pages and announcements at the direction of the EPA.

### **WAD 2, WO 6 – CSO/SWO Sampling Oversight**

#### 2.6.1 Planning Documents Review

- No activity.

#### 2.6.2 CDM Work Plan Preparation

- No activity. No cost has been incurred under this WE to date, therefore no invoice sheet for this WE.

#### 2.6.3 Laboratory Analysis and Coordination

- No activity.

#### 2.6.4 Field Oversight and Collection of Split Samples

- Performed field oversight on October 7 of the CSO sampling activities during the Phase 1 event at Clay Street.

#### 2.6.5 Split Sample Comparison Report

- No activity. No cost has been incurred under this WE to date, therefore no invoice sheet for this WE.

### **WAD 2, WO 7 – RM 10.9 Removal Action Oversight**

#### 2.7.1 Report Review/Technical Support

(Note the incurred costs for activities performed under WE 2.7.1 for this reporting period will be charged in the November 2013 reporting period invoice.)

- Reviewed the CPG's RM 10.9 Post-Dredge Sediment Sampling Plan received on October 3, 2013 and submitted comments to EPA on October 4, 2013.
- Reviewed the CPG's RM 10.9 capping plan received on October 21, 2013 and submitted comments to EPA on October 22, 2013.

#### 2.7.2 Remedial Action Oversight

- Participated in the weekly management meetings on October 1 and 9, 2013.
- Continued performing oversight of dredging activities which was completed on October 4, 2014.
- On October 23, 2013 participated in a pre-capping mobilization call with the CPG and EPA.
- Reviewed bathymetry surveys.
- Accepted split samples from the post excavation sampling performed on October 9, 2013.

#### 2.7.3 Sampling Analysis

- Communication with subcontract laboratories regarding the analysis of the water quality monitoring samples to maximize batch density.
- Laboratory coordination efforts required to add additional analyses to subcontract due to DESA laboratory shut down.
- Paid Shealy Environmental invoice.

### **WAD 3, WO 1 - Modeling Support**

- Project Management & Support
  - Prepared monthly invoice and write up
- Bi-Weekly Conference Calls
  - Attended October 8 and 22, 2013 bi-weekly calls
- Project Review Conference Calls & Mod Meetings
  - No activity.
- Transfer of Model Codes/Support
  - A. ECOMSEDZLJS Model Support
    - Prepared year 2013 hydrodynamic model inputs for the CPG.
  - B. ST-SWEM & RCATOX Models

- No activity.
- C. Misc. Support 2010
  - Discussed comments on the CPG's sediment transport model memo.
- Field Oversight
  - No activity.
- Modeling Oversight
  - No activity.

### **WAD 3, WO 2 - Modeling Collaboration with CPG**

- Project Management and Support
  - No activity.
- Weekly Conference Calls/Meetings with CPG
  - No activity.
- Monthly Technical Meetings
  - No activity.
- Identify Model Differences
  - No activity.
- Data Action Items
  - No activity.
- Model Action Items
  - Reviewed differences in sediment initial condition approaches presented on September 26 and potential impacts on model predictions.
- Communication with USEPA Project Team
  - No activity.

### **WAD 4, WO 3 – Review/Coordinate CPG Risk Assessment**

- No activity.

### **WAD 5, WO 2 – Data Evaluation**

- Continued work on detailing 3D model.
- Continued incorporating GIS layers for bathymetry into CDM Smith GIS.
- Continued to formulate data presentation plans and evaluate potential approaches to better visualize and demonstrate site conditions.
- Pulled in additional grain size data for GIS and data evaluation.
- Normalized 2,3,7,8-TCDD RI data to TOC and created initial contaminant distribution figures.

2. **Anticipated Problems and Recommended Solutions** – None.
3. **Problems Resolved** – N/A.
4. **Upcoming Events/Activities Planned** – CDM Smith will continue working on the following activities:
  - Participate in biweekly calls.
  - Review CPG and Tierra documents when received.
  - Continue database management data upload.
  - Provide support on CSO/SWO oversight.

- Provide support on RM 10.9 oversight.
- Continue to formulate data presentation plans.
- Continue evaluation of potential reference locations.
- Prepare lessons learned for RM 10.9.

5. **Key Staffing Changes** – None.

6. **Budget** – See attached cost spreadsheet for negotiated budget, funded amount, and expenditure details.

7. **Deliverables Submitted**

(For deliverables submitted prior to January 3, 2013, please see the April 2013 and earlier monthly reports.)

<b>Title</b>	<b>Date Submitted</b>
Submitted comments on River Mile 10.9 90 Percent Design	January 3, 2013
Submitted comments on RM 10.9 QAPP Addendum D	January 23, 2013
Submitted CDM Smith Field Change Request #13 - oversight of CPGs QAPP Addendum D Field Effort	February 13, 2013
Submitted comments on Updated Porewater SOPs RM 10.9 QAPP Addendum D	February 19, 2013
Submitted comments on Tierra's Validated Rinse Blank Results for the CSO/SWO sampling program	February 28, 2013
Submitted comments on Porewater SOP RM 10.9 QAPP Add D	March 1, 2013
Submitted comments on Draft Final RM 10.9 Design	March 22, 2013
Submitted comments on GW Seepage Measurement Field Mod	March 25, 2013
Submitted comments on CSO/SWO QAPP Revision 2	April 4, 2013
Submitted comments on RM 10.9 design draft WQMP	April 24, 2013
Submitted comments on Fall 2009 Benthic Invertebrate Community Survey and Benthic Field Data Collection, dated April 12, 2013	April 24, 2013
Submitted comments on Habitat Identification Survey Data Report, Fall 2010 Field Effort, dated April 12, 2013	April 24, 2013
Submitted comments on RM 10.9 Draft Water Quality Monitoring Plan	April 26, 2013
Submitted comments on RM 10.9 Removal Action Final Design Report	May 17, 2103
Submitted comments on RM 10.9 Draft Perimeter Air and Noise Monitoring Plan	May 23 & 28, 2013
Submitted comments on RM 10.9 Waterline Setback	May 24, 2013
Submitted comments on Tierra CSO/SWO Forensic Sample Results	May 16, 2013
Submitted comments on CPG Field Modification Form 130522-1 SSP2 Sediment Probing	May 29, 2013
Submitted comments on RM 10.9 Cap Design Review & Waterfront Development Permit Equivalent Conditions	June 3, 2013
Submitted comments on CSO-SWO LSM Method Blank Evaluation Report dated May 23, 2013	June 10, 2013
CDM Smith Field Change Request #14 – HV CWCM filtrate sample	June 12, 2013



<b>Title</b>	<b>Date Submitted</b>
Submitted comments on the RM 10.9 Final Design Response to Comments	June 13, 2013
Submitted comments on the RM 10.9 Final Design LTMM	June 13, 2013
Submitted comments on Pre-Dredge Bathymetry Survey Calibration & QC SOP	July 10, 2013
Submitted comments on Tierra's CSO /SWO QAPP Field Modifications dated June 6, 2013	July 12, 2013
Submitted comments on SV CWCM QAPP Addendum A WQM	July 15, 2013
Submitted comments on RM 10.9 Removal Action Operational Plans	July 16, 2013
Submitted comments on Response to RM 10.9 Design Comments	July 18, 2013
Submitted comments on Complete Pre-Dredge Bathymetry Survey	July 24, 2013
CDM Smith QAPP Addendum 13 WQM RM 10.9	August 9, 2013
Submitted comments on CPG Revised SSP2 Sampling Locations	August 13, 2013
Submitted comments on the bathymetry survey results	August 29, 2013
Submitted CDM Smith Field Change Request 15 Oversight of the CPG SSP2 Sampling	September 18, 2013
Submitted comments on the CPG Draft Low Resolution Coring Submitted Supplemental Sampling Program Addendum Sampling Program QAPP, September 2013	September 18, 2013
Submitted comments on RM 10.9 RA High Sub-Grade Sediment Sampling Plan, September 25, 2013	September 26, 2013
Submitted comments on CPG's RM 10.9 Post-Dredge Sediment Sampling Plan	October 4, 2013
Submitted comments on CPG Field Modification FM131009 for the SSP2 Sampling Event	October 15, 2013
Submitted comments on CPG Field Modification FM-131018 to move station 13B-0523	October 22, 2013
Submitted comments on CPG RM 10.9 Capping Plan	October 22, 2013
Submitted comments on CPG Draft 2012 Benthic Invertebrate Community Reference Data Report	October 24, 2013